IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applica	nte:	Black, Gregory R. et al.	Group Art Unit:						
Applica	tion No.:	:	Examiner:						
Date Filed: Title:		10/31/03	Batch No.:	WIDELESS					
		COMMUNICATION DEVICE	TUNABLE GROUND RETURN IMPEDANCE FOR A WIRELESS COMMUNICATION DEVICE						
		INFORMATION DISCLO	SURE STATEMEN	T (IDS)					
		or Patents 22313-1450							
SIR:									
	n attache	rdance with 37 C.F.R. §1.56 and in colled Form PTO/SB/08 and/or subsequent the United States Patent and Trademan	ntly identified herein, a						
I.	COPIE	<u>2</u>							
	a. 🔀	A legible copy of (i) each U.S. and for caused it to be listed; and (iii) all other is included herewith.							
	b. 🗌	Any patents, publications or other intended herewith were previously ciapplications which has been relied upon	ted by or submitted to t	the PTO in one of the following					
		U.S. Serial Number		U.S. Filing Date					
П.	CONCI a. ⊠	SE EXPLANATION OF THE RELEV Except as may be indicated below in (information are in the English language	(b) of this section, all of	the patents, publications or other					
	b. 🗌	A concise explanation of the relevant that is not in the English language is a The following additional information	ce of all patents, publica s follows:	ations or other information listed					
		· ·	•	iner s consideration.					
III. []	CROSS REFERENCE TO RELATED APPLICATION(S) The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this (these) applications to the Examiner's attention Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. §122.								
,	Serial N	No. Filing Date		Art Unit					
		<u>]</u>	FEES						
IV. 🛛		OS IS BEING FILED UNDER 37 C.F.I							
	a. 🔀	within three months of the filing of prosecution application under § 1.50 required.							
	b. 🗌	within three months of the date of e international application (37 C.F.R. §							
	c.	before the mailing date of a first Officor statement is required.							
	d.	before the mailing date of a first O examination under § 1.114 (37 C.F.R.							

V. 🔲	THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(c): (check one box) before the mailing date of any of a Final Office Action under 37 C.F.R. §1.113, a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in the application (See 37 C.F.R.							
	§1.97(c) a. □)).	•	•	count 502117 the fee set forth in			
	b. 🔲	§1.17(p) See the). statement below. 1	No fee is required				
VI. 🗌		fore payr a statem	ent under 37 C.F.R	e and is accompa R. §1.97(e) as pro	nied by the following:			
VII.	The und	lersigned each ite Patent C of IDS;	hereby states that m of information of office in a counterpoor	contained in the part foreign applic	nly one box, if applicable) IDS was cited in a communica ation not more than three month	hs prior to the filing		
	b. 🗌	Patent C statement known t filing of	Office in a countern nt after making rea o any individual d this statement, or	part foreign appli asonable inquiry, esignated in 37	DS was cited in a communicat cation, and to knowledge of the no item of information contain C.F.R. 1.56(c) more than three	e person signing the ned in the IDS was months prior to the		
	с. 🗌	foreign informa a counte to the r informa a counte making	Patent Office. A tion contained in the repart foreign appli emaining informat tion contained in the repart foreign appli reasonable inquiry	As to this informed IDS was cited cation not more to ion, the undersine IDS was cited cation or, to the to, no item of informatical inf	in the IDS were cited in a connation, the undersigned states in a communication from a fore han three months prior to the fill gned hereby states that no item in a communication from a fore knowledge of the person signing formation contained in the IDS	that each item of sign Patent Office in ling of this IDS. As n of this remaining sign Patent Office in g the statement after was known to any		
VIII.	<u>PAYMI</u> □	statement ENT OF I A check	TEES in the amount of	is enclo	more than three months prior osed for the above-identified fee the amount of \$180.00 for the ab	e(s).		
		fee(s). If Appli Commis	cant has overlooke sioner is hereby au	d any additional athorized to credi	fees, or if any overpayment has tor debit Deposit Account 5021 eposit Account charges and deb	been made, the		
	te statuto	ry prior	art or contain matt	er which anticipa	rests of candor and without any ates the invention or which wou mary skill in the art.			
	etermine	d that thi	s IDS has been fil	ed under the wro	OS, he/she is requested to containg rule, the PTO is requested the appropriate fee to Deposit A	o consider this IDS		
,	•				Respectfully submitted, Black, Gregory R. et al.			
					Shigekam Furuh as	va 10/31/03		
	ROLA, II er Numbe				Shigeharu Furukawa Agent for Applicant(s) Reg. No. 50,481 Tel. 847-523-1987			
Enclosu	res:		PTO/SB/08 References Foreign Search Re	eport				

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Application No.: Date Filed: Title:		Black, Gregory R. et al.	Group Art Unit: Examiner:						
		10/31/03	Batch No.:						
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	,	INFORMATION DISCL	OSURE STATEMENT (IDS)						
		or Patents 22313-1450							
SIR:									
	n attache	rdance with 37 C.F.R. §1.56 and in order Form PTO/SB/08 and/or subsequented United States Patent and Tradem	compliance with 37 C.F.R. §§1.97 and 1.98, the referent ently identified herein, are being submitted herewith ark Office.	for					
I.	COPIES a. A legible copy of (i) each U.S. and foreign patents; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed								
	b. 🗌	enclosed herewith were previously	nformation which are listed on PTO/SB/08 which are cited by or submitted to the PTO in one of the follow pon for an earlier filing date under 35 U.S.C. §120:						
		U.S. Serial Number	U.S. Filing Date						
П.	CONCI a. ⊠ b. □	information are in the English langu	VANCE (check at least one box) n (b) of this section, all of the patents, publications or ot age (concise explanation not required). nce of all patents, publications or other information lis						
	с. 🔲	that is not in the English language is The following additional informatio	as follows: n is provided for the Examiner's consideration:						
ш. 🗖	The Exa		o-pending application(s) contain(s) subject matter that n nging this (these) applications to the Examiner's attenti						
	Serial N	To. Filing Da	<u>Art Unit</u>						
			<u>FEES</u>						
IV. 🛛	THIS II	THIS IDS IS BEING FILED UNDER 37 C.F.R. §1.97(b): (check one box)							
	a. 🛛	within three months of the filing	date of a national application other than a continuous (37 C.F.R. §1.97(b)(1)). No fee or statement						
	b. 🗌	within three months of the date of	entry of the national stage as set forth in § 1.491 in §1.97(b)(2)). No fee or statement is required.	an					
	c.		fice Action on the merits (37 C.F.R. §1.97(b)(3)). No	fee					
	d.□	before the mailing date of a first	Office Action after the filing of a request for continued R. § 1.97(b)(4)). No fee or statement is required.	ued					

V. 🔲	before tunder 3	he mailir 7 C.F.R.		Office Act	97(c): (check one box) ion under 37 C.F.R. §1.113, closes prosecution in the app		
	§1.97(c a. □	No state	_	Deposit Ac	count 502117 the fee set fort	h in 37 C	2.F.R.
	b. 🔲	§1.17(p See the	statement below. No fee	is required	I.		•
VI. 🗆		fore pay	EING FILED UNDER 37 ment of the issue fee and nent under 37 C.F.R. §1.9 Deposit Account 502117	is accompa 7(e) as pro	nied by the following:		
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	te statuto	ry prior	ences are being cited only art or contain matter wh n a combination, to a per-	ich anticipa	rests of candor and without a tes the invention or which v nary skill in the art.	ny admis vould rer	sion that they nder the same
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					Respectfully submitted, Black, Gregory R. et al.		
					Shigeham Furuh	aux	10/31/03
	ROLA, IN er Numbe				Shigeharu Furukawa Agent for Applicant(s) Reg. No. 50,481 Tel. 847-523-1987		
Enclosu	res:		PTO/SB/08 References Foreign Search Report Other:				

PTO/SB/08A (04-03)

Substitute for form 1449A/PTO					Complete if Known					
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation, if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner

Signature

Date

Considered

¹ Unique citation designation number. ² See Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.